

529 Rec'd PCT/PTC 30 NOV 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of
KOCK et al.

BOX PCT

International Application
PCT/EP 99/03889

Filed: June 4, 1999

For: POLY(ADP-RIBOSE)POLYMERASE-GENE

#10/A
p8
2/19/02PRELIMINARY AMENDMENTHonorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Prior to examination, kindly amend the above-identified application as follows:

IN THE CLAIMS

3. A PARP homolog as claimed in claim 1 [either of the preceding claims], comprising at least another one of the following part-sequence motifs:

LX₉NX₂YX₂QLLX(D/E)X_{10/11}WGRVG,
AX₃FXKX₄KTXNXWX₅FX₃PXK,
QXL(I/L)X₂IX₉MX₁₀PLGKLX₃QIX₆L,
FYTXIPHXFGX₃PP; and
KX₃LX₂LXDIEXAX₂L,

in which the X radicals are, independently of one another, any amino acid.

4. A PARP homolog as claimed in claim 1 [any of the preceding claims], selected from human PARP homologs, which has the amino acid sequence shown in SEQ ID NO: 2 (human PARP2) or SEQ ID NO: 4 or 6 (human PARP3 type 1 or 2); or murine PARP homologs which have the amino acid sequence shown in SEQ ID NO:8 (mouse PARP long form) or SEQ ID No:10 (mouse PARP short form); and the functional equivalents thereof.